

# PRODUCT INFORMATION

## Detmol-flex

### Use

Control of hygiene and material pests such as cockroaches, ants, silverfishes, golden spider beetles, flies, midges, wasps, moths, etc.

National regulations for application and trading have to be observed.

### Type

Spray can (AE), 750 ml.

### Active Ingredients

Permethrin (19,6 g/kg) + chrysanthemum cinerariaefolium, extract (pyrethrine) 25 % (39,1 g/kg).

Contains acetone, 1-methoxy-2-propanol.

### Mode of Action

Strong flushing and rapid knockdown effect by contact with spray droplets. Long lasting residual effect by contact with spray deposit.

### Special Features

- High pressure and special components effect a dry fog and ultra-fine aerosol-particles and an airborne mist.
- Multi-purpose due to the specific combination of the active ingredients.
- Flexible adaptation to different methods of control due to three different discharge nozzles.
- Tested according to § 18 Protection against Infection Act and approved for officially directed disinfestations (German cockroaches). Official identification number B-0056-00-00.

### Dosage

Crawling insects: 1 can for about 500 m<sup>3</sup>.

Flying insects: 1 can for about 3000 m<sup>3</sup>.

### Method of Control

Choose the best-suitable discharge nozzle for the desired method of control according to the schedule (page 2).

### Insert discharge nozzles

Put discharge nozzle on valve cone and press it down gently.

### Remove discharge nozzles

Slightly turn up the discharge nozzle. Do not buckle valve cone.

### Application

#### Crawling insects


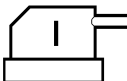
Expose hiding places of crawling insects if possible. Spray all infested, suspected or endangered locations and their surroundings (discharge nozzle „I“). Do not wet sensitive surfaces (for example polishes, varnishes, some plastics, carpeted floors). Spray sparingly at a distance of 1 m or more. Test sensitive objects on unobtrusive places. Then distribute mist evenly (discharge nozzle „P“). Windows, doors, etc. must be kept closed for at least 3 hours. Afterwards ventilate room thoroughly. Deposit has residual effect and protects from hatching or invading pests.

#### Cockroaches

Cockroach infestations are controlled best in the evening. Detmol-flex should be allowed to act overnight. A repeat treatment is necessary in any case after 5 weeks for German cockroaches, respectively 5 months for Oriental cockroaches and other large cockroaches.

Cockroaches prefer warm and dark hiding places near water and food, for example cracks, crevices and hollow spaces near stoves, refrigerators, sinks and other sources of heat, washbowls, tiles, cupboards, shelves, wainscots, door panel linings, baseboards and the like. Pay also attention to cutting through for pipes, ceiling beams, shafts, palettes, cases, etc.

# Choice of discharge nozzle and time of spraying per 100 m³ volume

Discharge nozzle	Power spray	Injection
	 <p>Fast and even distribution also in large rooms with a far reaching spray.</p>	 <p>Injection and spraying of hiding places with extension tube.</p>
<b>Spraying time per 100 m³ of volume</b>		
Flying insects	approx. 5 sec.	as required
Crawling insects	approx. 30 sec.	as required

## Flying insects

Distribute mist evenly in the room. In large rooms direct the spray upwards (discharge nozzle „P“). While misting withdraw to the exit. Spray all infested and preferred places in order to achieve a residual effect. Windows, doors, etc. must be closed for at least 3 hours. Afterwards ventilate room thoroughly.

## Fleas

Hoover floors, carpets, upholstered furniture and the like before application. Pay attention to corners and edges. Put dust bag into a plastic bag, render it airtight and throw it away as soon as possible. Pay attention to favoured places as for example sleeping places of pets. Take infested pets to a veterinary.

## Fabric pests

The number of fabric pests is great. They can be divided into two groups according to the physiology of nutrition. Certain species of microlepidoptera (casemaking clothes moths and webbing clothes moths) and beetles as for example fur beetles, carpet beetles, bacon beetles, etc. belong to the first and most important group, the so-called „keratin-eater“. Golden spider beetles, silverfishes, spider beetles, cockroaches, etc. belong to the second group, the so-called „omnivora animals“. Usually fabric pests are introduced. In summer, carpet beetles, fur beetles and bacon beetles can fly into rooms, too. Innate photophobia induces insects to stay in dark, protected places as for example cracks, crevices and hollow spaces. Textiles in storage are infested immediately. Insects leave the infested textiles and stop eating respectively only in case of disturbances or for pupation. Spray sparingly all objects which have to be protected. Besides the killing effect the preparation has also a feed repellent effect.

## Caution

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Very toxic to aquatic life with long lasting effects.

Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Avoid breathing vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment.

Repeated exposure may cause skin dryness or cracking. Vapours may form explosive mixture with air.

All persons except applicators have to leave the room. Remove unpacked foodstuffs and feed, domestic cattle and animals as well as toys, exposed dishes and other commodities before application. Cover aquariums and terrariums (shut off ventilating system). Cover kitchen utensils, tables, benches and other surfaces on which food is laid down, prepared or consumed as well as clothing, seating furniture and other surfaces which are often contacted by skin or wash and clean them respectively before use with an alkaline detergent. Do not widely apply the preparation in sickrooms, nursery schools, schools, living-rooms, offices, etc. but prefer spot spraying of all hiding-places and their immediate surroundings (discharge nozzle „I“).

Avoid contact with fresh, moist deposits. Keep away from children and pets.

In case of application in living-rooms and facilities of the community clean carpets once before application and at regular intervals after application.

Do not directly spray on electrical equipment or their surroundings. Excessive spraying in small rooms or local overdoses may lead to an explosive air/gas mixture. Do not spray longer than 3 seconds in small rooms and respectively hollow spaces (for example storerooms, cupboards, etc.).

Air rooms thoroughly before using them.

Official recommendation for pyrethroids:

In case of intensive skin contact (especially of the face) the product may cause a tickling sensation without external irritative symptoms. The occurrence of this irritation is a warning; discontinue use.

Get medical attention if symptoms persist or develop or if further symptoms occur.

### **Disposal**

Wastes resulting from the use of this product are to be disposed according to national regulations.

### **Packaging**

Carton with 6 aerosol cans à 750 ml.

